



Product Evaluation

WIN2158 | 1116

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: WIN-2158

Effective Date: November 1, 2016

Re-evaluation Date: March 2019

Product Name: 400/500 Series Vinyl Single Hung Windows, New Construction, Non-Impact Resistant

Manufacturer: Wincore Window Company, LLC
250 Staunton Avenue
Parkersburg, WV 26104
(304) 485-7460

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 400 Vinyl Single Hung Window	H-LC50 36 x 80	+50/-50 psf
2	Series 400 Vinyl Single Hung Window	H-LC50 48 x 72	+50/-50 psf
3	Series 400 Vinyl Single Hung Window	LC-PG40 48 x 96-H	+40/-40 psf
4	Series 400 Vinyl Single Hung Window	R-PG35 40 x 84-H	+35/-35 psf
5	Series 400 Vinyl Single Hung Window	H-LC35 52 x 77	+35/-35 psf
6	Series 400 Vinyl Single Hung Window	R-PG30 36 x 96-H	+30/-30 psf
7	Series 400 Vinyl Single Hung Window	LC-PG30 48 x 96-H	+30/-30 psf
8	Series 500 Vinyl Single Hung Window	H-LC50 36 x 80	+50/-50 psf
9	Series 500 Vinyl Single Hung Window	H-LC50 48 x 72	+50/-50 psf
10	Series 500 Vinyl Single Hung Window	LC-PG40 48 x 96-H	+40/-40 psf
11	Series 500 Vinyl Single Hung Window	R-PG35 40 x 84-H	+35/-35 psf

General Description: (continued)

System	Description	Label Rating	Design Pressure Rating
12	Series 500 Vinyl Single Hung Window	H-LC35 52 x 77	+35/-35 psf
13	Series 500 Vinyl Single Hung Window	R-PG30 36 x 96-H	+30/-30 psf
14	Series 500 Vinyl Single Hung Window	LC-PG30 48 x 96-H	+30/-30 psf

Product Dimensions:

System	Overall Size	Operating Sash	Fixed Daylight Opening
1	36" x 80"	33-7/8" x 38-15/16"	31-1/2" x 36-3/4"
2	48" x 72"	45-7/8" x 34-15/16"	43-1/2" x 32-3/4"
3	48" x 96"	45-7/8" x 36-15/16"	43-1/2" x 55"
4	40" x 84"	37-3/4" x 41"	35-1/2" x 38-1/2"
5	52" x 77"	49-3/4" x 37-7/16"	47-1/2" x 35-1/4"
6	36" x 96"	33-13/16" x 47"	31-1/2" x 44-3/4"
7	48" x 96"	45-13/16" x 47"	43-1/2" x 44-3/4"
8	36" x 80"	33-7/8" x 38-15/16"	31-1/2" x 36-3/4"
9	48" x 72"	45-7/8" x 34-15/16"	43-1/2" x 32-3/4"
10	48" x 96"	45-7/8" x 36-15/16"	43-1/2" x 55"
11	40" x 84"	37-3/4" x 41"	35-1/2" x 38-1/2"
12	52" x 77"	49-3/4" x 37-7/16"	47-1/2" x 35-1/4"
13	36" x 96"	33-13/16" x 47"	31-1/2" x 44-3/4"
14	48" x 96"	45-13/16" x 47"	43-1/2" x 44-3/4"

Product Identification (Certification Label on Window):

System		
1, 2, 5	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Wincore Window Company, LLC
	Product Name	400 Series Vinyl Single Hung Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05
3, 4, 6, 7	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Wincore Window Company, LLC
	Product Name	400 Series Vinyl Single Hung Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
8, 9, 12	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Wincore Window Company, LLC
	Product Name	500 Series Vinyl Single Hung Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05

Product Identification (Certification Label on Window) - Continued:

System		
10, 11, 13, 14	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Wincore Window Company, LLC
	Product Name	500 Series Vinyl Single Hung Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

System	Impact Resistant	Requirement
1-14	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Acceptance of Smaller Assemblies: Window assemblies with dimensions equal to or smaller than those specified are acceptable with the limitations specified in this report.

Installation:

System	Impact Resistant	Requirement
1-14	Type of Installation	Install the window in accordance with Drawing No. TX-4591, titled: Series 400 Vinyl Single Hung Window "Non-Impact", Sheets 1 through 3 of 3, dated January 6, 2016, and drawing TX-4592, titled: Series 500 Vinyl Single Hung Window "Non-Impact", Sheets 1 through 3 of 3, dated January 6, 2016. Drawings signed, sealed and dated March 16, 2016, by Lyndon F. Schmidt, P.E.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.